## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION            | INITIALS | ID NO.      | DATE    | 2  |
|---------------------|----------|-------------|---------|----|
| EE DETERMINATION    | hun      |             | 92397   | NA |
| D.I.P.E. CLASSIFIER | LVD      | 108917      | 5 92999 | 5  |
| FORMALITY REVIEW    | INDE     | X OF CLAIMS |         |    |

## INDEX OF CLAIMS

|   | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
|   | Allamad                    |   | Interference |
| = | Allowed                    |   |              |
|   | (Through numeral) Canceled | Α | Appeal       |
|   |                            | ^ | Objected     |
| ÷ | Restricted                 | U |              |

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| Final<br>Original<br>II/29/6 |  |  |  | 1 1                |
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| 181                          |  | _  |  | 1 1                |
| 3                            | 11117  | 1  |  | $\Box$             |
| 141                          | ╀╀╀┼   | _  | <del>       </del>                               | Н                  |
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| 6                            | 111111   |  | $\vdash$   | +                  |
| 7                            |  |  | $\sqcup \bot$                                    | $\perp$            |
| 8                            | $\Pi\Pi\Pi\Pi$                                     |  |  | Ш                  |
| 9                            | $\Pi\Pi\Pi\Pi$                                     | _  |  | T                  |
| 10                           | <del>                                      </del>  | $\top$   |  | $\Box$             |
| 1111                         | <del>┦┫┦╺</del> ╏┤┼┼                               |  | + + + +  | $\top$             |
|                              | <del>╽╏╸╏╴╏</del> ╏┼╏┼                             |  | <del>       </del>                               | +                  |
| 12                           | ╁╂╌╂┼╂┼  |  | ╁╌╁╌┼╸   | +-1                |
| 13                           | H + H + 1  | 4  | ++   | 4-1                |
| 14                           | ШШ   |  | $\bot \bot \bot$                                 | $\bot$             |
| 15                           |  | L  |  |                    |
| 16                           | V 10   |  |  |                    |
| 7                            |  | 一  |  | $\Box$             |
| 18                           |  |  |  | $\top$             |
| 19                           | <del>                                     </del>   | $\dashv$   | +-+-   | $\dashv \dashv$    |
| <del></del>                  | <del>-11114</del> 4                                | -  | +++  | $\dashv\dashv$     |
| 20                           | <u> </u>   | $\perp$  | $\bot$   | 44                 |
| 21                           |  |  | $\bot$   | $\perp$            |
| 22                           |  | 1_   |  | Ш                  |
| 23                           | 111111   |  |  | $\top$             |
| 24                           | 111111   |  | TTT  |                    |
| 25                           | <del>-1111</del> 11-1                              | $\neg$   | 111  | $\top$             |
| 26                           | <del>-1111</del>                                   | +  | + + +  | +                  |
|                              | ╌┧╂╌╂┈┼╂┈┤   |  | +++  | +                  |
| 27                           | <del>-             </del>                          | $\dashv$   | + +-+  | +                  |
| 28                           |  |  | +++  |                    |
| 29                           |  | $\perp$  | $\bot$   |                    |
| 130                          |  |  |  |                    |
| 31                           |  |  | $\top$   |                    |
| 32                           |  |  | 111  |                    |
| 83                           | <del>                                     </del>   | $\vdash$   | +++  |                    |
|                              | <del>┞┤╶┃┃</del> ╌┤┞╴                              | ╂-+  | +-+-   | +                  |
| 34                           | ┞┼┼╂   | <del>                                     </del> | <del>-</del> ├├                                  | $\dashv$ -         |
| 35                           | <del>                                     </del>   | ₩.   | _{-}   |                    |
| 36                           | <del>}                                      </del> | $\sqcup$   | 4-4-   |                    |
| 37                           | $\Pi\Pi\Pi$  |  |  |                    |
| 38                           |  | $\prod$  |  |                    |
| 39                           |  | П  |  |                    |
| 40                           | <del>                                     </del>   | 1 1  |  | $\top$             |
| 41                           | ++++++   | + +  |  | -+                 |
|                              | ╀┼┼┼   | $\vdash$   | -  | +                  |
| 42                           | 41-111-14  | ┯  |  |                    |
| 43                           |  | $\sqcup$   | $\bot$   | $\perp$            |
| 44                           | $\Pi \Pi \Pi$                                      | 1 1  |  |                    |
| 45                           | <del>                                      </del>  | T  |  |                    |
| 46                           | <del>                                     </del>   | 11   | $\neg \neg$                                      |                    |
| 47                           | <del>!          </del>                             | ┿  |  | - -                |
|                              | ╂╂╂╂╂  | +  | +  | $\vdash$           |
| 48                           | ╂┼┼┼┼  | +  | $\dashv +$                                       |                    |
| 49                           | <del>                                     </del>   | +  | _ _ _  | ┝╌┼╌               |
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| Cla      | im       |      | ·   | }        | _  |          | 0      | at | 8       |          |          | _        |          |                | $\neg$       |
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| ją.      | 효        | 1/54 | 2   | ¥        | C  | 1        | :      |    |         | 1        | - 1      |          | Т        | - 1            | - 1          |
| Final    | ō        | 11   | ۱۲  | ŀ        | እ  | 7        | ŀ      |    |         | L        |          |          | 1        |                |              |
|          | 51       | 7    | V   | 1        | T  | V        | 7      |    |         | Т        |          |          | Τ        | П              |              |
| _        | 52       | ۲    | ۳   | ✝        | 4  | H        | +      | ┪  | ┪       | +        | _        | _        | ✝        | 7              | ┪            |
| _        |          | H    | Н   | Н        | ₽  | Н        | +      | _  | H       | +        | -        | ⊢        | ╁        | -              | $\dashv$     |
|          | 53       | Ш    |     | Ц        | Ŀ  |          | ┸      |    |         | 1        |          |          | 4        | _              | _            |
|          | 54       | П    |     | Π        | Ι  | li       | L      |    |         | ⅃        |          | L        | L        | $\Box$         | _            |
|          | 55       | П    | П   | Π        | Т  | П        | Τ      |    |         | T        |          |          | 1        |                | - 1          |
|          | 56       | H    | П   | H        | 1  | П        | T      |    | П       | 7        |          |          | T        | ╗              | $\neg$       |
| _        | 57       | ₩    | ╁   | Н        | ╁  | Н        | ╁      | _  | Н       | +        | _        | Н        | †        | ┪              | -            |
| _        |          | ╙    | Н   | Н        | +  | Н        | +      | _  | ⊢       | 4        |          | $\vdash$ | +        |                |              |
| L        | 58       |      | Ľ   | Ц        | Ŧ  | Ľ        | 4      | _  | Ļ_      | 4        |          | ┡        | 4        | _              | -            |
| سا       | 59       | W    |     | И        | Ψ  | V        | 1      | _  | L       | ┙        |          | L        | 1        | _              |              |
|          | 60       |      | Т   | .        |    | Г        | Τ      |    | l       | -        |          | 1        | ١        |                |              |
| Н        | 61       | t    | T   | 7        |    | Τ        | 1      |    | Γ       | ╗        |          | Π        | 7        |                |              |
| ⊢        | 62       |      | ٠   | ┪        | _  | ┪        | +      |    | ✝       | 7        | _        | H        | 7        | _              | М            |
| <u> </u> | _        | -    | +   | 4        | _  | ╀        | +      |    | ╀       | 4        |          | ۲        | +        | -              | Н            |
| _        | 63       | -    | Ļ   | _        |    | ₽        | 4      |    | ╀       | 4        |          | ╀        | 4        | _              | Н            |
| L        | 64       | L    | L   |          |    | L        | ⅃      |    | L       |          |          | L        | ┙        |                | Ш            |
|          | 65       |      | Γ   |          |    | Г        |        | _  | 1       | _        |          | L        |          |                | L            |
| Г        | 66       | -    | T   | ٦        | Г  | Τ        | 7      |    | Т       | ٦        |          | Γ        | ٦        |                | П            |
| $\vdash$ | 67       | _    | +   | _        | -  | ✝        | 7      |    | t       | _        | _        | 1        | ┪        |                | Т            |
| ⊢        | _        | -    | ┿   | _        | ⊢  | ╀        | +      | _  | ╀       | -        | <u> </u> | ╁        | ┥        | _              | $\vdash$     |
| L        | 68       | 4    | 1   | _        | L  | ╄        | 4      | _  | ╀       | _        | _        | +        | _        |                | <del> </del> |
| ı        | 69       | 1    |     |          | _  | L        |        |    | L       |          |          | L        |          | L.             | <u>L</u>     |
| Г        | 70       | ī    | Т   |          | Г  | Г        | ╗      |    | Ι       |          |          | 1        |          |                |              |
| $\vdash$ | 7        | -    | +   |          | ┝  | +        | ┪      | _  | +       | _        | ┰        | †        |          | Н              | 1            |
| $\vdash$ |          |      | +   | _        | ⊢  | ╀        | ┥      |    | ╁       | _        | ⊢        | ╅        | -        | ┢─             | +-           |
| $\vdash$ | 72       |      | 4   |          | ┞- | +        | 4      |    | +       |          | ⊢        | ╁        | _        | ⊢              | ┼            |
| L        | 7:       | _    | 1   |          | L  | 1        | Ц      | _  | 1       |          | ㄴ        | 4        | _        | ┡              | ↓_           |
|          | 74       | 4    |     |          | ١_ | L        |        |    | 1       |          |          | L        |          | L              | L            |
| Г        | 7        | 5    | Т   |          | Г  | Т        |        |    | 1       |          | 1        | l        |          | l              | 1            |
| $\vdash$ | 70       | 3    | +   |          | T  | Ť        | $\neg$ | _  | 1       |          | Г        | T        |          |                | Τ            |
| $\vdash$ | 7        | -    | +   | _        | ╁  | +        | -      | Н  | +       |          | +-       | +        | _        | ✝              | T            |
| $\vdash$ | _        | _    | +   |          | ╁╴ | +        | -      | ⊢  | ┿       | -        | ⊢        | +        | _        | ├-             | ┿            |
| L        | 71       |      | 4   | _        | ╀  | +        | _      | ┡  | 4       |          | ╁-       | +        | _        | ⊢              | ┿            |
| L        | 79       | 9    | _   |          | L  | 1        |        | L  | 4       |          | ╀        | 4        | _        | Ļ.             | 1            |
|          | 8        | 0    | - { |          |    | 1        |        |    |         |          | L        | 1        |          |                |              |
| -        | 8        | 1    | ┪   |          | T  | Т        |        | Г  | 7       |          | Τ        | Т        |          | Т              | T            |
| $\vdash$ | -        | 2    | 7   |          | +  | +        |        | t  | 1       | _        | T        | 7        |          | Τ              |              |
| $\vdash$ |          | 3    | +   | -        | +  | ┿        | _      | ┢  | ┪       | _        | t        | +        |          | <del>†</del> - | +            |
| ┡        | _        |      | 4   |          | ╀  |          | _      | ╀  | +       |          | ╀        | +        | _        | ╁╌             | -            |
| L        | _1_      | 4    | _   | _        | 1  | 4        |        | 1  | 4       |          | +        | 4        |          | +              | 4-           |
| L        |          | 5    |     | _        |    |          | _      | L  | $\perp$ | _        | L        | _        |          | Ļ.             | _            |
| Г        | 8        | 6    | ٦   | _        | Τ  | T        |        | ſ  | T       |          | Γ        | _1       |          | 1              |              |
| H        | Ta       | 7    | ┪   | _        | 1  | 7        |        | T  | 7       |          | Т        | 7        |          | Τ              | Т            |
| $\vdash$ |          | 8    |     |          | +  | +        | _      | +  | ┪       | _        | t        | 7        | _        | t              | +-           |
| +        |          |      | -   | _        | +  | +        |        | +  | +       | _        | +        | +        |          | +-             | +            |
| L        | _        | 9    | _   | _        | 4  | 4        | _      | +  | -       | -        | +        | -        |          | +              | ╁            |
|          | _ 9      | 10   | _   | L        | ┙  |          |        | L  |         | L        | 1        |          |          | $\perp$        | $\perp$      |
|          | 9        | 11   |     |          | T  | 1        |        | Γ  |         |          | T        |          |          |                |              |
| ⊢        | _        | 2    | -   |          | +  | +        | _      | +  | _       | Н        | +        | 7        |          | †              | $\top$       |
| ⊢        | _        | -    |     | -        | +  | -        |        | +  |         | $\vdash$ | +        | -        |          | +              | +            |
| L        | -        | 3    |     | <u> </u> | 4  | -        |        | +  | _       | -        | +        | -        | -        | +              | +-           |
|          |          | 94   |     | L        |    |          |        | 1  |         |          | 1        |          | L        | 1              | $\perp$      |
| Γ        | 1        | 95   |     | Γ        | Ţ  | П        |        | T  |         |          | T        |          | [        | J              | ╝            |
| 1        | -        | 96   | _   | Γ        | 1  | $\neg$   |        | 1  |         | Γ        | 1        |          | Π        | Т              | Т            |
| H        |          | 97   |     | H        | +  | $\dashv$ | _      | +  | _       | ✝        | ╅        |          | H        | +              | +            |
| F        | _        | _    |     | L        | +  | -        | _      | +  |         |          | +        | _        | $\vdash$ | +              | +            |
| L        |          | 98   |     | L        | 4  |          | _      | 4  |         | 1        | 4        | _        | <u> </u> | +              |              |
|          |          | 99   |     | L        | _  |          | L      | 1  |         | L        | ┙        | _        | L        | ┵              | $\bot$       |
| Т        | ٦,       | 00   |     | Г        | 7  | _        |        | Т  | _       | Г        | T        |          | Г        | -1             | Т            |

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| Final    | Original      |          |   |    |   |   |   |    |     |   |   |   |   |   |         |   |    |
| _        | 101           |          | Г | 1  | _ | T |   |    | 1   |   | T | ٦ | _ | Т | ╗       |   | 1  |
| _        | 102           | $\vdash$ | ┢ | +  | _ | H | Н | -  | †   | _ | t | ┪ | _ | † | 7       | _ | 1  |
| -        | 103           |          | - | +  | - | ╁ | - | Н  | ┪   |   | + | - | _ | + | 7       | _ | 1  |
| _        |               | 1        | L | 4  | _ | ┞ | _ | _  | 4   | _ | + | - | _ | ╁ | ᅱ       |   | 1  |
| _        | 104           |          | L | 4  | _ | ╀ | _ | ⊢  | 4   |   | + |   | _ | + | -       | _ | ┨  |
|          | 105           | -        | L | 4  | _ | Ļ | _ | _  | 4   | _ | + | - | _ | + | -       | _ | 4  |
|          | 106           |          | L | 4  |   | Ļ | _ | L  | 4   |   | 4 | _ | L | 4 | -       | _ | 4  |
|          | 107           | ┿        | L | 4  |   | Ļ |   | L  | 4   | _ | 1 | _ | _ | 4 | _       | _ | 4  |
| _        | 108           |          | L | ┙  |   | Ļ |   | L  | _   | _ | 4 |   | _ | 4 | 4       | _ | 4  |
| L.       | 109           |          | L | ┙  |   | L |   | L  |     | L | 1 |   | L | 4 | Ц       | _ | 4  |
|          | 110           | <u> </u> | L |    |   | L |   | L  |     |   | ┵ |   | L | 4 | _       | _ | 4  |
| Г        | 111           |          | L | _  |   | L |   | L  |     | Ĺ | 1 | _ | L | 1 |         | _ | 4  |
| Г        | 112           |          |   |    |   |   |   | L  |     | L | ╛ |   | L | 1 |         | L |    |
|          | 113           | 3        | Γ |    |   | Ι |   |    |     |   | _ |   | L |   |         | L | _  |
|          | 114           |          | Т |    |   | Τ |   | Γ  |     |   |   |   | L |   |         | L | ╛  |
| Г        | 115           | 3        | Т |    |   | T |   | Γ  |     | Γ | Ι |   |   |   |         |   | ╛  |
|          | 110           | 3        | T |    |   | T |   | Г  |     | Γ |   |   | Ι | Į |         |   |    |
|          | 11            | 7        | T |    |   | T |   | Т  |     | Г | ٦ |   | L |   |         |   | ]  |
|          | 111           | В        | T |    | Г | T |   | Τ  |     | Γ | ٦ |   | Ι |   |         |   |    |
|          | 11            | 9        | Τ |    | Г | T |   | Τ  |     | Γ |   |   | Ī |   |         |   |    |
| $\vdash$ | 12            | ol -     | T | _  | Г | 1 |   | T  | _   | Γ | ٦ |   | Τ |   |         | Γ | ٦  |
| $\vdash$ | 12            |          | + | _  | t | † | _ | t  | _   | t | ╛ |   | t |   | Г       | T | ٦  |
|          | 12            | _        | † |    | T | 7 |   | T  | _   | t |   |   | T |   | Г       | T | ٦  |
| Т        | 12            | _        | 1 | _  | ✝ | 1 | _ | T  |     | T |   |   | T |   | Г       | Τ | ٦  |
|          | 12            | 4        | 1 |    | Τ | 7 |   | Ť  |     | T |   |   | Τ |   |         | Τ | ]  |
| $\vdash$ | 12            | 5        | T |    | T | ٦ | _ | T  |     | T |   | Г | Τ |   |         | I |    |
|          | . 12          | 6        | 1 | _  | T | ٦ |   | T  |     | T |   |   | I |   |         | 1 |    |
| -        | 12            |          | 1 |    | T | ٦ |   | 1  |     | Ī |   |   | T |   |         | Ι |    |
| Г        | 12            | 8        | 1 |    | Τ |   |   | 1  |     | Ţ |   | Г | Ι |   |         |   |    |
|          | 12            | 9        | 7 |    | T | ٦ |   | ٦  |     | Ţ |   |   | 1 |   |         |   |    |
| $\vdash$ | 13            | Ю        | 1 |    | Τ |   | _ | T  |     | T |   | Г | 1 |   | Γ       | 1 |    |
| Т        | 13            | 31       | 7 | _  | T | _ |   | 1  |     | T |   | Г | T |   | Π       | T |    |
| $\vdash$ | 13            |          | 1 | _  | T |   |   | 1  |     | T |   | Γ | ٦ |   | Г       | T |    |
| -        | 13            | 33       | 1 | _  | T | _ | Г | 7  | _   | T |   | Τ | 7 | _ | Τ       | T |    |
| i        |               | 34       | 7 | _  | 1 |   | Г | 1  | _   | 1 |   | Γ | 1 |   | Τ       | T |    |
| $\vdash$ | 1:            | 35       | 1 |    | † | _ | Г | 7  |     | 1 | _ | Τ | 7 |   | Т       | 7 |    |
| -        | 1:            | 36       | 1 |    | † |   | Г | 1  |     | 1 | _ | T | ٦ |   | Τ       | T |    |
| 卜        | <u> </u>      | 37       | ┪ | _  | T | _ | T | 7  | _   | 7 |   | T | ╗ |   | T       | 1 |    |
| T        | 1:            | 38       | ┪ |    | 1 | _ | Γ | 7  |     | 7 |   | T |   |   | Τ       | 7 |    |
| ۲        | $\rightarrow$ | 39       | _ | _  | 1 | _ | Γ | ╗  |     | 7 |   | 1 | ٦ |   | Т       | ٦ |    |
| F        | 1,            | 40       |   | Ì  | 1 |   | Γ | ٦  |     | ٦ | _ | Т |   |   | Τ       | ٦ |    |
| ۲        |               | 41       |   | Г  | † | _ | T |    |     | 7 | _ | T |   |   | T       | ٦ |    |
| ┢        | 1             | 42       |   | Г  | † | _ | T |    | Г   | 7 |   | T |   | Г | T       | ٦ |    |
|          |               | 43       |   | Γ. | † |   | T |    | Г   | 7 | _ | T |   | Г | T       | 7 |    |
| ۲        |               | 44       |   | Г  | 1 |   | T |    | Г   | 7 |   | T |   |   | T       | ٦ | L. |
| t        |               | 45       |   | Γ  | † | _ | T |    | Γ   |   |   | Ť | _ | Г | T       | ٦ |    |
| t        |               | 46       |   | Γ  | 1 | _ | T |    | Γ   | ٦ |   | T |   |   | T       | _ |    |
| ۲        |               | 47       |   | Γ  | 1 |   | Ť | _  | ٢   |   | Т | T | _ | Γ | T       |   | Γ  |
| r        |               | 48       |   | T  | 7 |   | Ť | _  | ٢   |   | Г | 1 | _ | Γ | T       |   |    |
| t        |               | 49       | Т | Γ  | 7 | _ | Ť |    | Γ   |   |   | I | _ |   | I       |   |    |
| ľ        |               | 50       |   |    |   |   | Ī | _  |     | _ |   | Ι |   | Ĺ | $\prod$ | _ | L  |
| _        |               |          |   |    |   | Ī | Ī |    |     |   |   |   |   |   |         |   |    |

If more than 150 claims or 10 actions staple additional sheet here